



## SEQUENCE LISTING

Pompejus, Markus Suelberger, Harald Joeffken, Hans Wolfgang Doval, Jose Luis Revuelta Jimenez, Alberto; Garcia, Maria Angeles Santos

<120> Genes of purine biosynthesis from Ashbya Gossypii and the use thereof in microbial riboflavin synthesis

<130> 48684DIV

<140> US 10/076,157

<141> 2002-02-15

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<151> 1998-12-16

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Gln Glu Ile Asn Asp Phe Leu Met Glu Leu Leu Ile Met Ile His Ala 65 70 75 80

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Met 225	Ala	Asp	Thr	Cys	Gly 230	Thr	Leu	Val	Lys	Ala 235	Thr	Asp	Thr	Leu	Ile 240
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Val	Ser	Thr 275		Thr	Val	Pro	Val 280	Asp	Leu	Asn	Leu	Asp 285	Ile	Tyr	His
Gln	Ile 290		Ile	Ser	Ala	. Ile 295	Leu	Ala	Glu	Ala	11e 300	Arg	Arg	Leu	His
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Ser Leu Arg Arg Tyr Leu Asp Glu Asp Val His Arg His Ile Asn Thr 115 120 125

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Glu Gly Val Tyr Lys Arg Cys Arg Gly Gly Tyr Ala Cys Val Gly Met 165 170 175

Leu Ala Gly Tyr Gly Leu Phe Gly Phe Arg Asp Pro Asn Gly Ile Arg 180 185 190

Pro Leu Leu Phe Gly Glu Arg Val Asn Asp Asp Gly Thr Met Asp Tyr 195 200 205

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20

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Arg	Ile	Gln	Pro	Lys 325	Asn	Gly	Glu	Glu	Ile 330	Glu	Phe	Leu	Leu	Gln 335	Gly
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